

# Cabo Verde - Roads & Bridges

Report generated on: August 1, 2018

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# Overview

## Identification

### COUNTRY

Cabo Verde

### EVALUATION TITLE

Roads & Bridges

### EVALUATION TYPE

Independent Evaluation

### ID NUMBER

DDI-MCC-CPV-IDG-ROAD-2018-v01

## Version

### VERSION DESCRIPTION

Not applicable to this evaluation; no quantitative data to be shared

## Overview

### ABSTRACT

The evaluation of the MCC Cabo Verde Roads and Bridges Activity is mainly two-fold: 1) an economic analysis (Research Area 1) to understand the costs and benefits of the MCC-funded roads, and 2) performance evaluations of the road maintenance and road usage patterns conducted to complement and enhance knowledge gained through the economic analysis (Research Areas 2 and 3). The three research areas, collectively, will inform MCC on its future project design, monitoring, and implementation of roads and bridges projects and/or other relatively large infrastructure projects.

The economic analysis consists of one research area as follows: Research Area 1 tests the economic viability of MCC-funded roads and bridges by conducting a cost-benefit analysis (CBA) to estimate the ERR and net present value (NPV) of the roads and bridges. The CBA assessing the effects of the roads will employ the Roads Economic Decision (RED) model, an analytical tool used to conduct CBA for roads. The economic analysis for the bridges will be conducted by deriving benefits from time that would otherwise have been lost due to road impassability through extreme weather events and destroyed bridge infrastructure. PostCompact CBA re-evaluates the validity of the initial assumptions made prior to the Compact. An updated ERR of the MCC-funded roads and bridges will inform MCC on the economic viability of relatively large roads and bridges infrastructure projects.

The performance evaluations are centered around three thematic areas as below: Research Area 2 will evaluate the road maintenance regime within Cabo Verde to test the sustainability of improvement in road infrastructure. The analysis will improve MCC's assumption on post-Compact maintenance and project-life assumptions about its infrastructure investments. In addition, the evaluation will examine the effect of MCC's efforts in improving the road maintenance practices in Cabo Verde under the Roads Project. Research Area 3 is a study of road users, based on origin-destination (O-D) surveys on segments of the MCC-funded roads. The data collected from the O-D surveys will inform the RED model. Information such as the cost and duration of the trips and value of the goods being transported will be analyzed. The feasibility of surveying public transport users in parallel with the O-D surveys to get a full picture of the users and beneficiaries of the road improvements will also be considered. This research area is intended to understand qualitative information on the road users and their travel patterns.

### EVALUATION METHODOLOGY

Independent Ex-Post ERR

### TOPICS

Topic	Vocabulary	URI
Transportation	MCC Sector	

### KEYWORDS

Roads, Bridges, performance evaluation, economic analysis

## Coverage

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### GEOGRAPHIC COVERAGE

MCC-funded roads in Santiago island, Cabo Verde

MCC-funded bridges in Santo Antão island, Cabo Verde

## Producers and Sponsors

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### PRIMARY INVESTIGATOR(S)

Name	Affiliation
International Development Group Advisory Services LLC	

### FUNDING

Name	Abbreviation	Role
Millennium Challenge Corporation	MCC	

## Metadata Production

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### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Millennium Challenge Corporation	MCC		Review of Metadata
International Development Group Advisory Services LLC	IDG		Independent Evaluator

### DATE OF METADATA PRODUCTION

2018-07-13

### DDI DOCUMENT VERSION

Version 1.0 (2018-07-13). This is the original version, approved by the MCC Evaluation Management Committee.

### DDI DOCUMENT ID

DDI-MCC-CPV-IDG-ROAD-2018-v01

## MCC Compact and Program

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### COMPACT OR THRESHOLD

Cabo Verde Compact I

### PROGRAM

After a two-year consultation process, the Millennium Challenge Corporation (MCC) and the Government of Cabo Verde (GOCV) signed a five-year, \$110 million Compact in July 2005. The Compact consisted of three different project areas - infrastructure, private sector development, and watershed/agriculture support. Under the Infrastructure Project, the Roads and Bridges Activity (RBA) aimed to achieve basic connectivity and improve mobility in two targeted island networks by reducing road network gaps and ensuring all-weather traffic access to markets and services. With an investment cost of \$27.7 million, the RBA improved three roads (totaling approximately 39 km) on the island of Santiago and four bridges on the island of Santo Antão with 1.3 km of access road. This evaluation is an economic analysis and performance evaluation of the Roads and Bridges Activity.

### MCC SECTOR

Transport (Trans)

# Sampling

No content available

# Questionnaires

No content available

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2017-09-30	2018-07-13	N/A

# Data Processing

No content available

# Data Appraisal

No content available